AMENDMENTS

Please amend the present application as follows:

In the Specification

The following is a marked-up version of the specification with the language that is underlined ("___") being added and the language that contains strikethrough ("—") being deleted:

Page 1, beginning on line 2:

The present application is related to co-pending and commonly assigned U.S. Patent Application Serial Number 09/712,336 entitled "SYSTEM AND METHOD FOR PROCESSING DATA IN A DISTRIBUTED ENVIRONMENT," filed November 13, 2000; co-pending and commonly assigned U.S. Patent Application ~~Serial~~ Publication Number ~~09/874,184~~ 2002-0184305 entitled "SYSTEM AND METHOD FOR PRINTING FROM A WEB APPLICATION," ~~filed June 4, 2001~~ published December 5, 2002; co-pending and commonly assigned U.S. Patent Application ~~Serial~~ Publication Number ~~09/874,427~~ 2002-0184356 entitled "DYNAMIC PRODUCTION DEVICE REPRESENTATION IN A DISTRIBUTED ENVIRONMENT," ~~filed June 4, 2001~~ published December 5, 2002; and co-pending and commonly assigned U.S. Patent Application ~~Serial~~ Publication Number ~~09/924,058~~ 2003-0041249 entitled "SYSTEM AND METHOD AND PROGRAM PRODUCT FOR MULTIUSER PROFILE OPERATIONS AND GROUP COMPOSITION STORE" ~~filed August 8, 2001~~ published February 27, 2003, the disclosures of which are all hereby incorporated herein by reference.

Page 7, beginning on line 1::

[[http://www.]]library.yale.edu/orbis2/public/activity/AP.html

Page 26, beginning on line 25:

[[http://www.]] at the World Wide Web address of hp.com

[[http://www.]] the World Wide Web address of other.com

In the Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("——"), as is applicable:

1   1.   (Currently Amended) A method of relieving competition between

2   processing jobs sharing a production device, said method comprising ~~the steps of~~:

3   [[a.]]   from a first user's browser, accessing a destination service representing a

4   production device;

5   [[b.]]   retrieving production data of said first user by said destination service, the

6   production data being configured to be processed by the production device;

7   [[c.]]   at said first user's browser, selecting production options from among a

8   plurality of production options provided by said destination service, each of the

9   production options corresponding to a processing capability of the production device such

10   that the production options selected by the user determine ~~for determining~~ a first

11   processing job for processing said first user's production data using said production

12   device;

13   [[d.]]   estimating [[the]] a time duration required to process said first processing

14   job using said production device ~~with said selected production options~~ such that, if the

15   time duration estimated to process the first processing job at least equals a threshold

16   duration, the user is enabled to selectively designate the first processing job as non-

17   interruptable, otherwise the first processing job is designated as interruptable;

18   [[e.]] wherein, if said production device is not currently processing a previous

19   processing job of a previous user, then allowing said first processing job ~~of said first user~~

20   to be processed using said production device, subject ~~under a first condition~~ to

21   interruption by a subsequent processing job of a subsequent user if the first processing job

22   is designated interruptable; ~~otherwise~~ and

23   [[f.]] wherein, if said production device is currently processing a previous

24   processing job of a previous user and [[if]] said previous processing job is subject ~~under~~

25   ~~said first condition~~ to ~~said~~ interruption , then ~~under a second condition~~ allowing said

26   processing of said first processing job of said first user to interrupt processing of said

27   previous processing job ~~of said previous user by said production device~~ if the first

28   processing job is designated non-interruptable, such that processing of said previous

29   processing job resumes after said processing of said first processing job is complete.

1   2.   (Currently Amended) The method of claim 1 further comprising ~~the step~~

2   ~~of~~ offering said first user the option to process said first processing job following [[the]]

3   completion of processing of said previous processing job.

1   3.   (Currently Amended) The method of claim 1 further comprising ~~the step~~

2   ~~of~~ dynamically displaying job status including interrupt status at a browser of said

3   previous user ~~having said previous processing job interrupted by said first processing job~~

4   ~~of said first user~~.

1   4. – 6. (Canceled)

1   7.   (Currently Amended) The method of claim 1 ~~wherein said step f. under~~

2   ~~said second condition~~ further ~~comprises the step of~~ comprising allowing a local

3   processing job of a user local to said production device to interrupt processing of said

4   previous processing job ~~of said previous user by said production device,~~ such that

5   processing of said previous processing job resumes after said processing of said local

6   processing job is complete, said local processing job being loaded and unloaded manually

7   at said production device.

1   8. – 9. (Canceled)

1   10.   (Currently Amended) The method of claim 1 wherein ~~in said step f.,~~ if said

2   first user interrupts said previous processing job, then said previous processing job is

3   stored while processing said first processing job, such that said previous processing job is

4   deferred but not canceled.

1   11.   (Original) The method of claim 10 wherein said previous processing job is

2   stored in a medium selected from the group consisting of a hard disk and an image store

3   associated with said previous user's identity.

1   12.   (Currently Amended) The method of claim 10 wherein, if said previous

2   processing job includes multiple output copies, then said previous processing job is

3   allowed to complete [[the]] a currently processing output copy of said multiple output

4   copies before being interrupted by said first processing job.

1   13.   (Currently Amended) The method of claim 10 further comprising the step

2   of separating output copies of said first processing job from output copies of said

3   previous processing job using an operation selected from the group consisting of

4   delivering output copies of said first processing job and said previous processing job into

5   separate output bins, delivering output copies into a common output bin, such that output

6   copies of said first processing job are offset relative to output copies of said previous

7   processing job, and delivering output copies into a common output bin, such that output

8   copies of said first processing job are separated relative to output copies of said previous

9   processing job by separator sheets.

1   14.   (Original) The method of claim 10 wherein said subsequent processing job

2   cannot interrupt said first processing job, if said first processing job is interrupting said

3   previous processing job.

1   15.   (Currently Amended) The method of claim 1 ~~wherein said step f.~~ further

2   comprising ~~comprises the step of~~ providing said first user an option of reserving

3   processing at a deferred start time of said processing job using said production device in

4   accordance with said selected production options, such that if said first user opts to

5   reserve a start time, then setting a deferred start time, storing said processing job during a

6   deferral period until said deferred start time occurs, and then deferred processing said

7   processing job using said production device in accordance with said selected production

8   options.

1   16.   (Original) The method of claim 15 wherein said deferred processing job is

2   stored in a medium selected from the group consisting of a hard disk and an image store

3   associated with said first user's identity.

1   17.   (Original) The method of claim 15 wherein said setting said deferred start

2   time includes avoiding conflict with unavailable deferred start times of said production

3   device.

1   18.   (Currently Amended) The method of claim 15 further comprising ~~the step~~

2 ~~of~~ estimating ~~the~~ resources required to process said deferred processing job using said

3 production device with said selected production options.

1   19.   (Currently Amended) The method of claim 18 further comprising ~~the step~~

2 ~~of~~ reserving during said deferral period quantities of said respective resources required to

3 process said deferred processing job.

1   20.   (Original) The method of claim 19 wherein said reserved resources

2 required to process said processing job are monitored during said deferral period.

1   21.   (Original) The method of claim 20 wherein a warning message is

2 displayed during said deferral period whenever any of said reserved resources is depleted

3 to a quantity substantially equal to said reserved quantity of said reserved resource.

1   22.   (Original) The method of claim 21 wherein during said deferral period said

2 reserved resources are reported as if said reserved quantities of said reserved resources

3 had already been consumed.

1   23.   (Original) The method of claim 21 wherein said warning message is

2   removed if said reserved resources are replenished above said reserved quantity.

1   24.   (Currently Amended) A destination service representing a production

2   device, said destination service operable to:

3   download content into a first user's browser;

4   retrieve said first user's production data, the production data being configured to

5   be processed by the production device;

6   select under said first user's interactive control via said content from among

7   production options for processing said first user's production data using said production

8   device, each of the production options corresponding to a processing capability of the

9   production device for processing the production data;

10   estimate [[the]] a time duration required to process said first user's production

11   data using said production device in accordance with said selected production options

12   such that, if the time duration estimated to process the production data at least equals a

13   threshold duration, the user is enabled to selectively designate processing of the

14   production data as non-interruptable, otherwise the processing is designated as

15   interruptable;

16   determine if said production device is currently processing a previous job of a

17   previous user; and

18   if said production device is not currently processing said previous job and the

19   production data is designated as interruptable, monitor said processing and allow said

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20   first user's production data to be processed using said production device, subject ~~under a~~

21   ~~first condition~~ to interruption by a subsequent job of a subsequent user; otherwise

22   if said production device is currently processing said previous job subject ~~under~~

23   ~~said first condition~~ to ~~said~~ interruption and the production data is designated as non-

24   interruptable, monitor said processing and allow said processing of said first user's

25   production data ~~subject to a second condition~~ to interrupt processing of said previous job

26   by said production device; and

27   direct a resumption of said processing of said interrupted job after said processing

28   of said first user's production data is complete; ~~otherwise~~

29   ~~offer said first user the option to process said first user's production data by said~~

30   ~~production device following the completion of processing of said previous job.~~

1   25.   (Original) The destination service of claim 24 further operable to

2   dynamically display status of said monitored processing including interrupt status via said

3   content at a browser of said previous user having said interrupted job.

1   26. – 30.   (Canceled)

1   31.   (Original) The destination service of claim 24 further operable to store

2   said interrupted job until said resumption of processing.

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1   32.   (Original) The destination service of claim 31 wherein said interrupted job

2   is stored in a medium selected from the group consisting of a hard disk and an image

3   store associated with said previous user's identity.

1   33.   (Currently Amended) The destination service of claim 24 further operable

2   if said interrupted job includes multiple output copies to allow completion of [[the]]

3   currently processing output copy of said multiple output copies before interrupting said

4   interrupted job.

1   34.   (Currently Amended) A method of controlling a plurality of processing

2   jobs at a production device, said method comprising the steps of:

3   accepting a plurality of processing jobs competing for said production device;

4   determining quantities of resources remaining for said production device;

5   determining [[the]] quantities of resources required for each accepted of the

6   processing jobs accepted;

7   comparing respective quantities of resources determined for each of the

8   processing jobs accepted said determination against at least the quantities of resources

9   remaining for said production device one pre-established criterion to arrive at a priority

10   level for each of said processing jobs;

11   inserting an accepted processing job into a queue of accepted processing jobs

12   according to its arrived at priority; and

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13   interrupting ~~an existing~~ a processing job that is currently using said production

14   device, such that another processing job can use said production device, said another

15   processing job having an arrived at priority different from the arrived at priority of said

16   processing job being interrupted.

1   35.   (Original) The method of claim 34 wherein said production device

2   comprises a printing resource including at least one printer.

1   36.   (Currently Amended) The method of claim 34 wherein said ~~plurality of~~

2   processing jobs comprise printing of image data.

1   37.   (Original) The method of claim 34 wherein said resources include

2   resources selected from the group consisting of processing time, paper, ink, and toner.

1   38.   (Currently Amended) A system for relieving competition between

2   processing jobs sharing a production device, said system comprising:

3   a user's browser; and

4   a destination service accessible from said user's browser and operable to

5   download content into said user's browser, said destination service further representing a

6   production device and operable to arrive at a priority level for each said processing job

7   by:

8   determining quantities of resources remaining for said production device;

9   determining quantities of resources required for each of the processing

10   jobs accepted; and

11   comparing respective quantities of resources determined for each of the

12   processing jobs accepted against at least the quantities of resources remaining for

13   said production device to arrive at the priority level for each of said processing

14   jobs;

15   wherein said destination service is further operable [[and]] to interrupt an existing

16   processing job that is currently using said production device when said currently running

17   processing job has a certain arrived at priority, such that another processing job can use

18   said production device, said another processing job having an arrived at priority different

19   from said processing job being interrupted.

1   39.   (Original) The system of claim 38 further comprising means for web based

2   imaging interconnected with said user's browser and said destination service.

1   40.   (Original) The system of claim 38 wherein said destination service is

2   remote from said user's browser.